

# Forensic Toolkit 1.71 Release Notes

We have posted a new release of FTK<sup>®</sup> 1.71 on our Website. To download the latest release, visit <http://www.accessdata.com/> and click **Download**.

## ***New Features***

This version contains these new features:

**New Column Setting** The new column setting “Preprocessing File Listing Database Column Setting” will be used whenever the user chooses the **File Listing Database** from the Processes to Perform dialog. This column setting can be modified to suit your needs.

To return to the shipping default set of values, delete the entry from the column settings manager, close FTK, and restart it.

**New Language** FTK now supports the Hungarian language when generating reports.

**Specify Carved Image Sizes** You can now specify the minimum size of data-carved graphics. In the Data Carving dialog, you will find two new carved image exclusion options:

- Minimum size in pixels
- Minimum file size in kilobytes (KB)

Note: One KB equals 1024 bytes (not 1000 bytes). For example, 50 KB equals 1024 x 50 bytes, or 51200 bytes.

If the carved graphic file is smaller than the user defined size, the carved item will not be added to the case. If FTK is unable to determine a size, the graphic will be added automatically.

Neither filter currently applies to EMF files, but will in future releases.

## **View Exported Files in HTML Format**

You now have the option to export files and view them in either HTML or native format by selecting the option in the Export File dialog. Applicable files types include:

- MSIE index.dat
- Netscape cookies.txt
- Netscape mork databases
  - Netscape History ( history.dat)
  - formhistory.dat
  - Netscape Address Book (history.mab)
  - abook.mab
  - Netscape database (panacea.dat)
  - Netscape database (.msf)
- Palm DB types: ID\_PALM\_DOC

- Recycle Bin index (INFO2)
- Windows Shortcut files (.lnk)
- SummaryInformation OLE streams
- EMF print spools (.spl)
- EFS streams (\$EFS)
- thumbs.db (pre-Vista)
- thumbcache\_nnn.db (Vista)
- Yahoo! Messenger chat logs (.dat)
- AOL history files (.ARL)
- AOL Auto-complete cache (.AUT)
- AOL Address Book (.aby)
- AOL Communicator address book (ac\_book.db)
- AOL Buddy List (.bag)

## **Windows Vista Support**

FTK now supports these Windows<sup>®</sup> Vista features:

- EFS decryption for EFS files encrypted on Vista.
- FTK parses and creates HTML-rendered views of \$Recycle.bin index files so that you don't have to interpret the binary versions.
- GUID Partition tables (a new partition format supported by Windows Vista).
- You can view the contents of thumbcache.db files.

## ***Modifications and Enhancements***

You will notice these enhancements in FTK 1.71:

- FTK appends .jpg extensions to all thumbnail graphics extracted from thumbs.db files to prevent them from being misidentified. JPEG files will have a second .jpg extension appended, and will be sent to the Graphics container.
- FTK alerts you to supplementary files that no longer exist in the original location. If you have added supplementary files to your reports and then moved the source files, the supplementary files will remain listed in the report but the links will prompt that the item is not found. To re-link the source file to the supplementary file in the report, you must remove the old file from the list, and add the supplementary file again from the new location.
- FTK now carves PNG files.
- FTK now places page numbers on the Graphic Thumbnail pages in the Report.
- FTK now recognizes and places 3GPP multimedia files into the multimedia container (MP4 variant of a phone video format).

## ***Notable Changes***

We've also included these changes in this release:

- You can choose to have files exported to a report saved with their actual file name or by the item number (default). Select **Export Using Filename** on the Report Location dialog.
- FTK treats password protection as encryption. In most cases, FTK 1.71 still places password protected documents in the Encrypted Files container and the Enc column, but this is no longer the case with .mdw files or MS Excel spreadsheets with password protected cells.

## ***Known Issues***

You may notice these in this release:

- Unchecking the “**Remember File Position/Selection**” from a bookmark when in the Bookmark tab may not remove the selection.
- MS Word document streams will show in the Documents container as a Word document. Indexed searches on WordDocument streams and Data streams from MS Word documents may incorrectly display hits in the place of correct hits. To find the correct hits, use the Text Search box for the File Viewer pane.
- Some carved .jpg files may be added despite not meeting the pixel requirements.
- If you install or uninstall an older version of FTK, you must re-install any newer version in order for the registry keys and shared utilities to work correctly.

## ***Comments?***

We value all feedback from our customers. Please contact us at [support@accessdata.com](mailto:support@accessdata.com).